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# INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER							
IPC(7) : A61K 48/00; C12N 15/861, 15/863							
US CL	: 435/320.1, 455, 456; 424/93.2; 514/44	-tional alongification and IDC	<u> </u>				
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		4 10 4 1-1-1					
U.S. : 43	Minimum documentation searched (classification system followed by classification symbols) U.S.: 435/320.1, 455, 456; 424/93.2; 514/44						
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Electronic da Please See Co	ta base consulted during the international search (nan ontinuation Sheet	ne of data base and, where practicable,	search terms used)				
C. DOC	UMENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with indication, where ap	opropriate, of the relevant passages	Relevant to claim No.				
P, X	AHMED et al. A conditionally replicating adenovirg activated RAS/P-MAPK-selective mRNA stabilization Vol. 21, No. 7, pages 771-777, see entire reference	on. Nature Biotechnology. July 2003,	1, 2, 6-8, 12-15, 17- 19, 21				
х	US 5,925,564 A (SCHWARTZ et al.) 20 July 1999 (20.07.1999), see entire reference, especially column 2, line 56, to column 3, line 7; column 5, line 65 to column 6, line 26; column 7, line 66, to column 8, line 29; column 9, lines 1-20; column 10, lines 11-34; column 12, lines 2-8; column 14, lines 36-53; column 30, lines 32-41; columns 32-37.						
х	WO 98/56936 A1 (MAX PLANCK GESELLSCHA WISSENSCHAFTEN) 17 December 1998 (17.12.19 pages 4-7, 11-12, 15-18, and claims 1, 10, 11, 13,	1, 2, 9, 10, 22					
x	BOAST et al. Characterization of physiologically regulated vectors for the treatment of ischemic disease. Human Gene Therapy. 01 September 1999, Vol. 10, No. 13, pages 2197-2208, especially page 2200, Table 2; page 2203, and page 2204, Figure 4.						
Further	r documents are listed in the continuation of Box C.	See patent family annex.					
* Special categories of cited documents:  "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention of particular relevance  "X" document of particular relevance; the claimed invention cannot be							
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## INTERNATIONAL SEARCH REPORT

ategory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	SHENG et al. Transforming growth factor-beta1 enhances Ha-ras-induced expression of cyclooxygenase-2 in intestinal epithelial cells via stabilization of mRNA. Journal of Biological Chemistry. 03 March 2000, Vol. 275, No. 9, pages 6628-6635.	1, 7-9
A	DIBBENS et al. Hypoxic regulation of vascular endothelial growth factor mRNA stability requires the cooperation of multiple RNA elements. Molecular Biology of the Cell. April 1999, Vol. 10, pages 907-919.	1, 2, 9-10, 12-22
A	NABORS et al. HuR, a RNA stability factor, is expressed in malignant brain tumors and binds to adenine- and uridine-rich elements within the 3' untranslated regions of cytokine and angiogenic factor mRNAs. Cnacer Research. 01 March 2001, Vol. 61, No. 5, pages 2154-2161.	1, 2, 4-22
A	SHIBATA et al. Development of a hypoxia-responsive vector for tumor-specific gene therapy. Gene Therapy. March 2000, Vol. 7, No. 6, pages 493-498.	1-2, 9, 10, 12-22
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### INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

USPT, PGPB, DWPI, MEDLINE, EMBASE, BIOSIS, CAPLUS, SCISEARCH search terms: mRNA, UTR, untranslated region, destabil?, stabil?, gene therap?, tumor, cancer, Ahmed A?, Vile R?, uPAR, urokinase plasminogen activator receptor, cox2, cyclooxygenase 2, RAS, VEGF, TNF alpha, tumor necrosis factor alpha,